

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005592.D
 Acq On : 10 Aug 2021 13:53
 Operator : SY/MD
 Sample : M3321-01RE
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:37:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

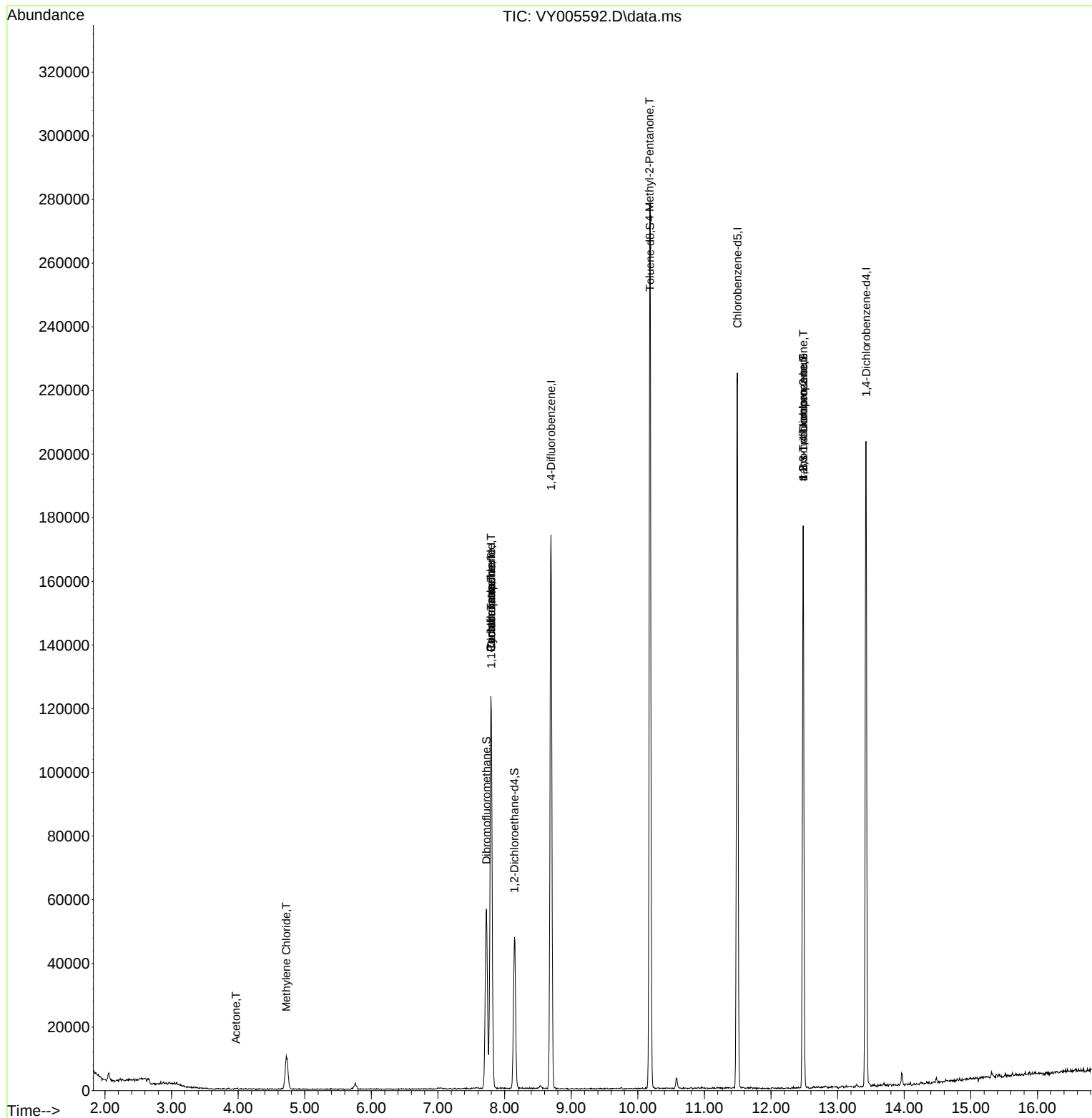
Internal Standards						
1) Pentafluorobenzene	7.795	168	99095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	145908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	123135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	39490	39.37	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	78.74%		
35) Dibromofluoromethane	7.728	113	38267	46.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.68%		
50) Toluene-d8	10.185	98	179159	52.29	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.58%		
62) 4-Bromofluorobenzene	12.483	95	48921	43.12	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.24%		
Target Compounds						Qvalue
16) Acetone	3.966	43	426	1.68	ug/l #	80
20) Methylene Chloride	4.722	84	7563	1.68	ug/l #	85
31) Cyclohexane	7.795	56	1967	1.14	ug/l #	6
36) 1,1-Dichloropropene	7.801	75	6987	5.11	ug/l #	49
38) Carbon Tetrachloride	7.795	117	8977	6.04	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	877	1.06	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	27008	48.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27008	97.34	ug/l #	11

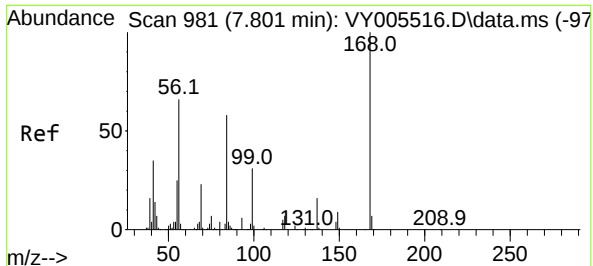
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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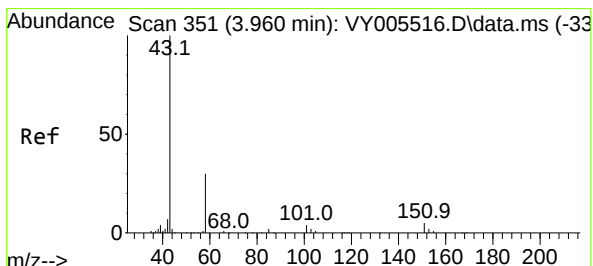
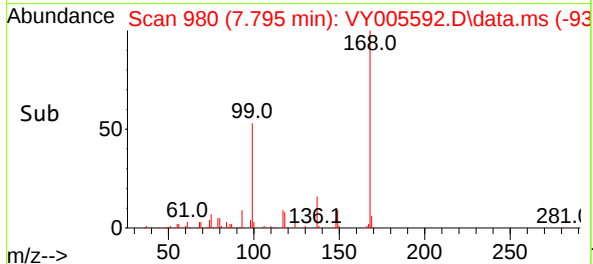
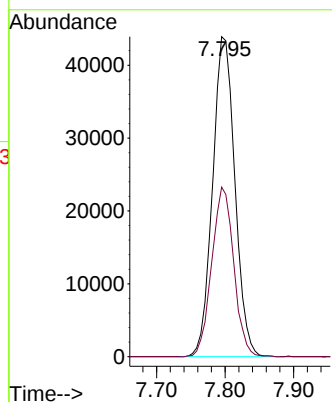
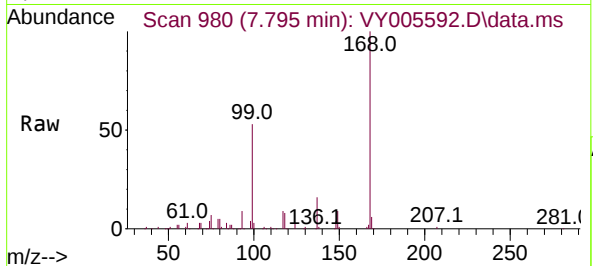




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

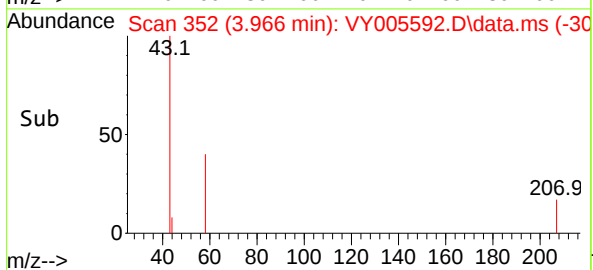
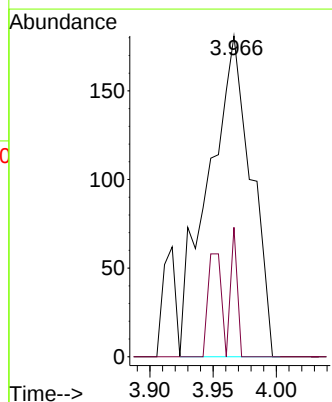
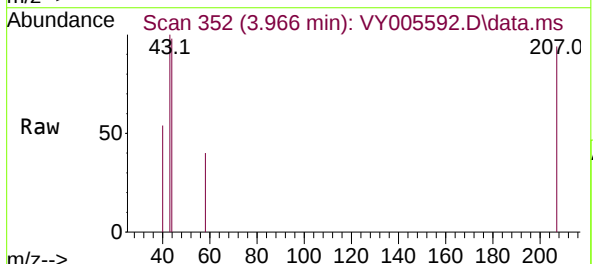
Instrument :
MSVOA_Y
ClientSampled :

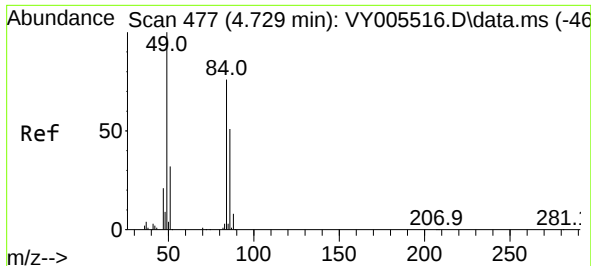
Tgt Ion:168 Resp: 99095
Ion Ratio Lower Upper
168 100
99 53.0 38.9 58.3



#16
Acetone
Concen: 1.68 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
58 40.3 23.8 35.6#

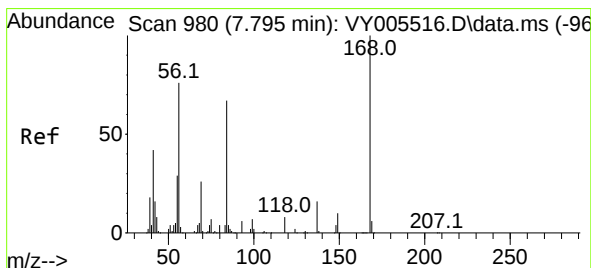
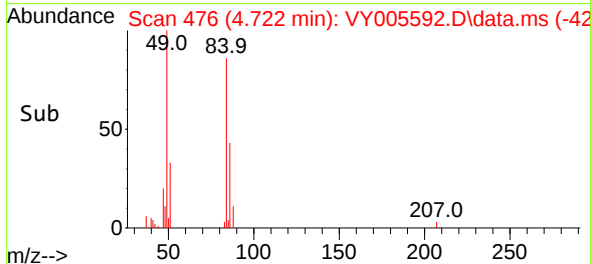
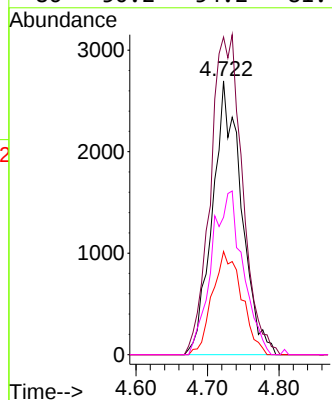
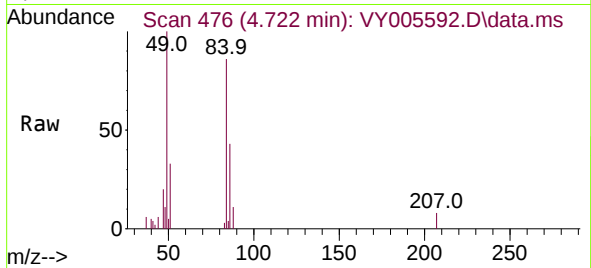




#20
Methylene Chloride
Concen: 1.68 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

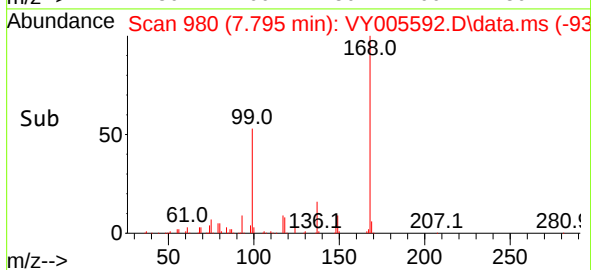
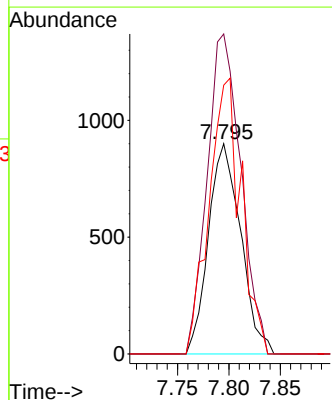
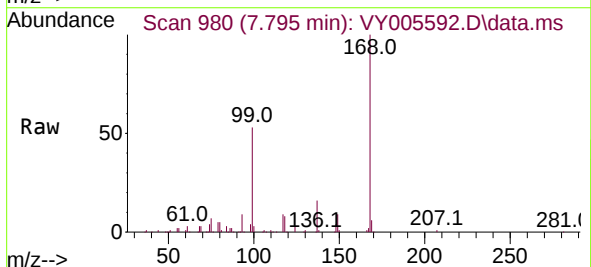
Instrument :
MSVOA_Y
ClientSampled :

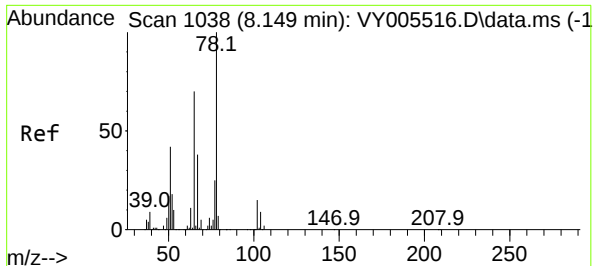
Tgt Ion: 84 Resp: 7563
Ion Ratio Lower Upper
84 100
49 116.0 105.8 158.6
51 37.7 33.4 50.2
86 50.2 54.2 81.4#



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

Tgt Ion: 56 Resp: 1967
Ion Ratio Lower Upper
56 100
69 152.2 27.7 41.5#
84 136.2 70.9 106.3#

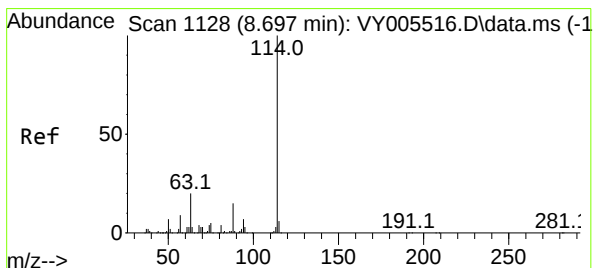
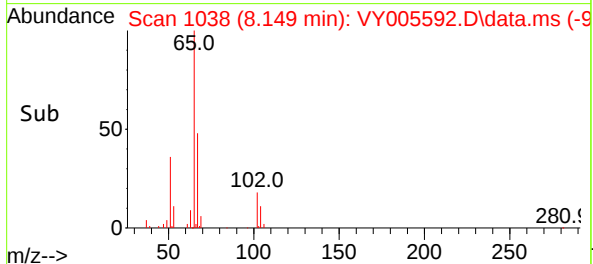
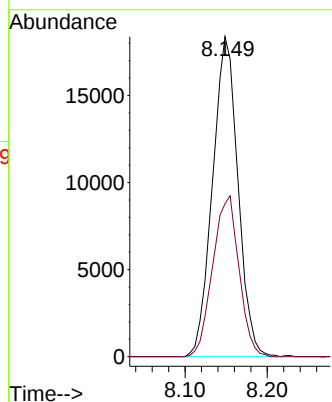
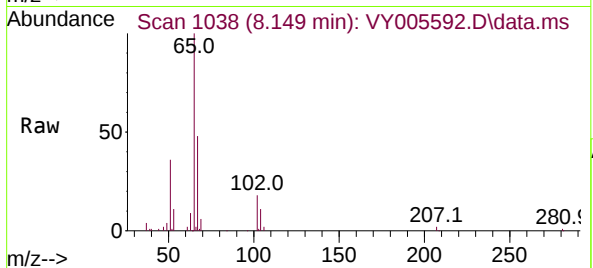




#33
1,2-Dichloroethane-d4
Concen: 39.37 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

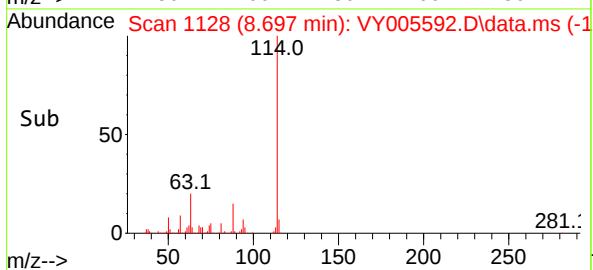
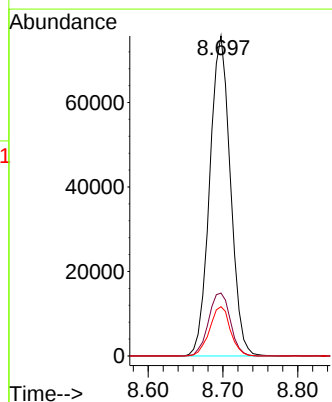
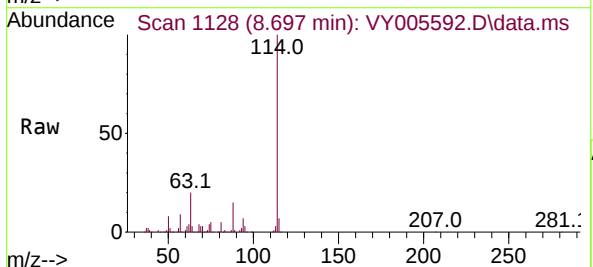
Instrument :
MSVOA_Y
ClientSampleId :

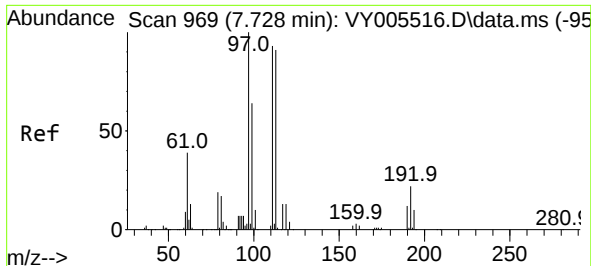
Tgt Ion: 65 Resp: 39490
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

Tgt Ion: 114 Resp: 145908
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 15.4 0.0 30.8

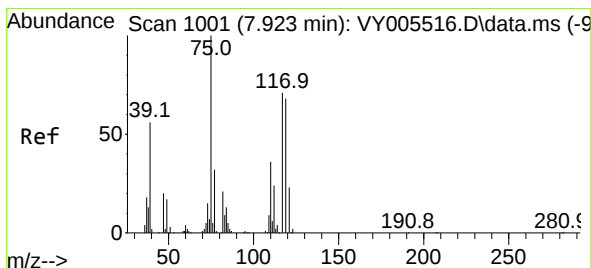
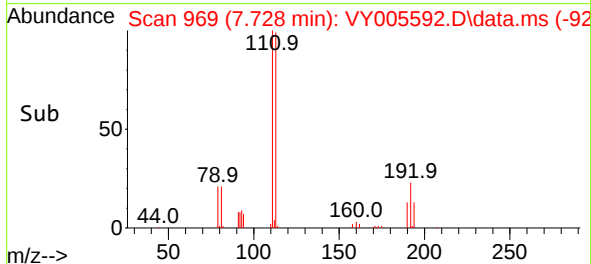
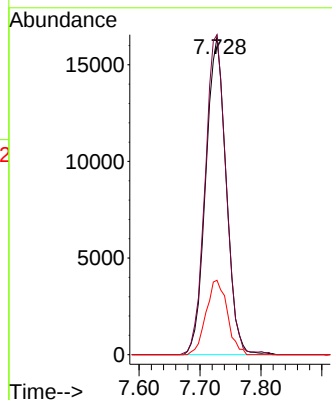
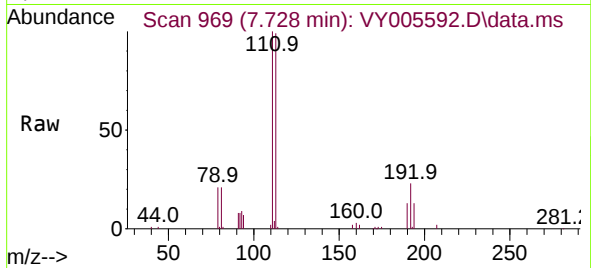




#35
Dibromofluoromethane
Concen: 46.84 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

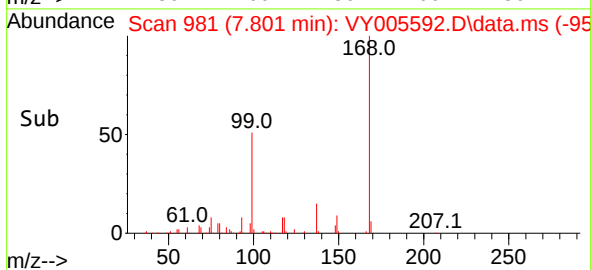
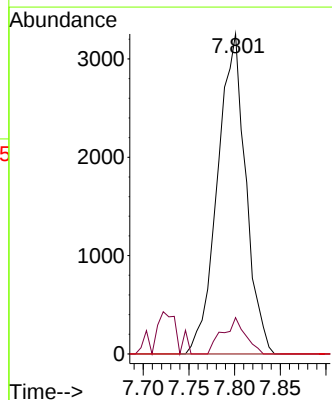
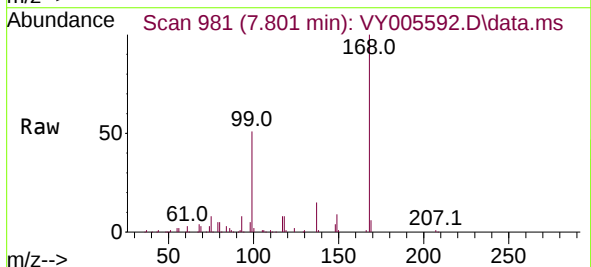
Instrument :
MSVOA_Y
ClientSampleId :

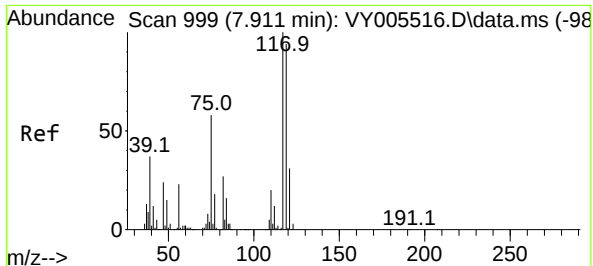
Tgt Ion:113 Resp: 38267
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 24.4 19.2 28.8



#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

Tgt Ion: 75 Resp: 6987
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.1#
77 0.0 25.1 37.7#

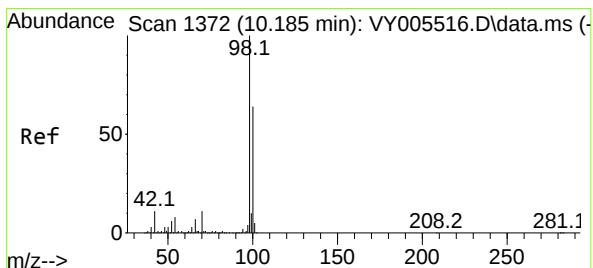
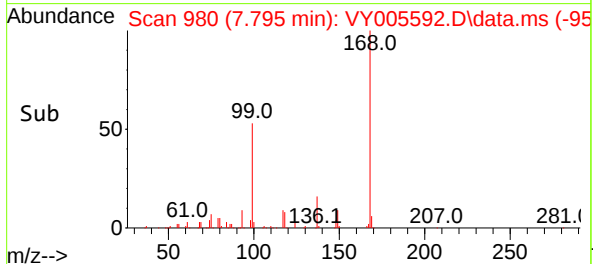
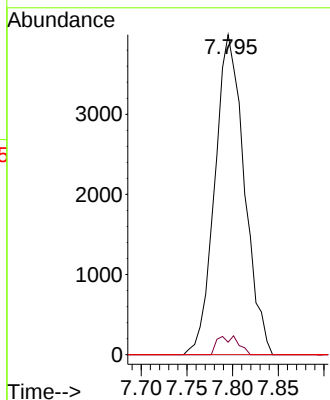
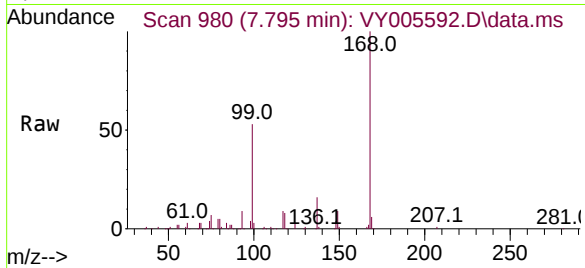




#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

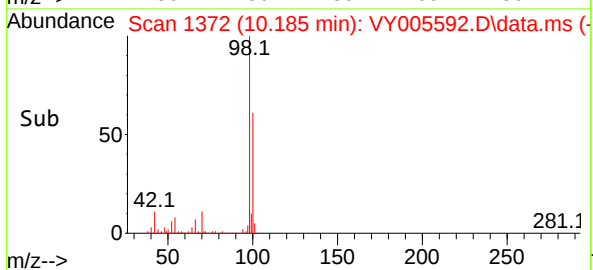
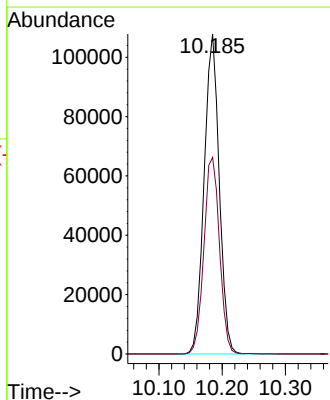
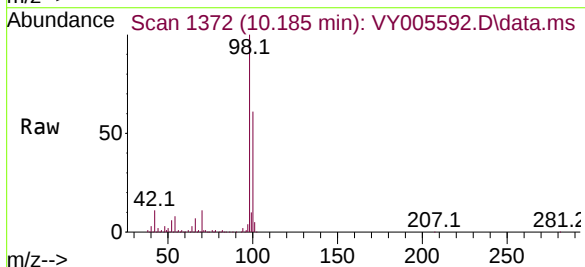
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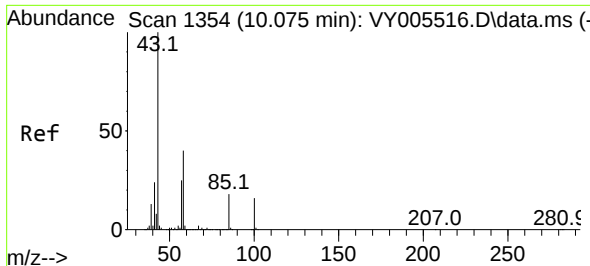
Tgt Ion:117 Resp: 8977
Ion Ratio Lower Upper
117 100
119 3.9 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.29 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

Tgt Ion: 98 Resp: 179159
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9

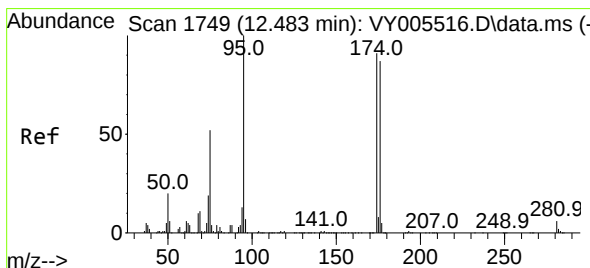
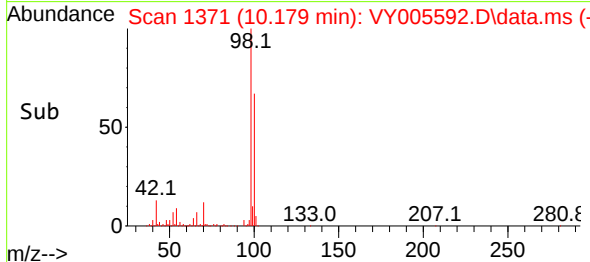
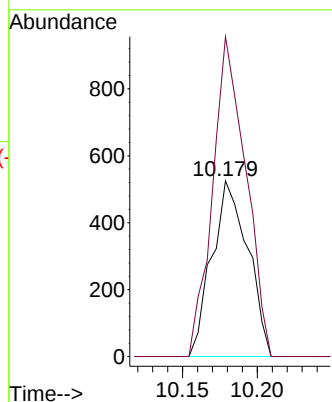
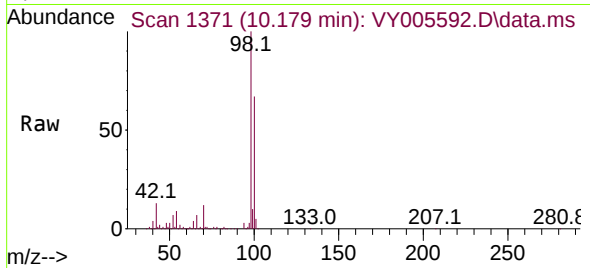




#51
4-Methyl-2-Pentanone
Concen: 1.06 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

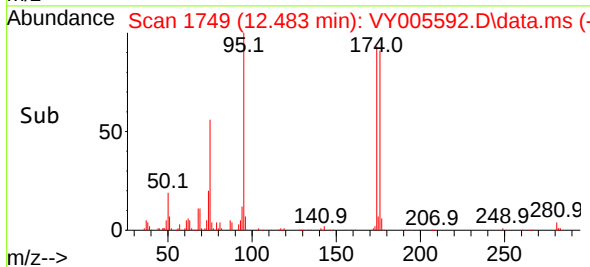
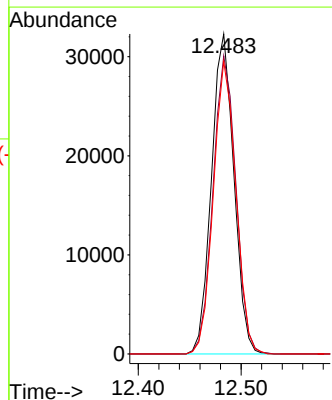
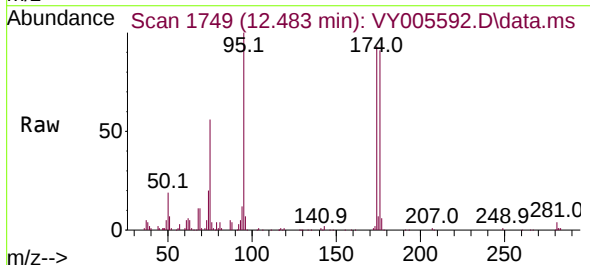
Instrument :
MSVOA_Y
ClientSampled :

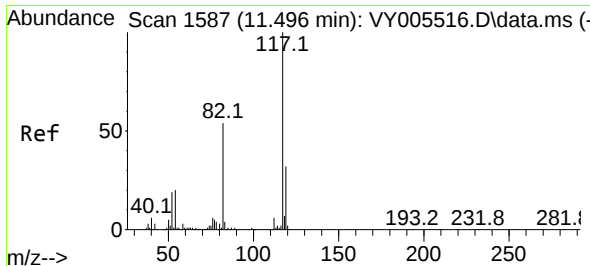
Tgt Ion: 43 Resp: 877
Ion Ratio Lower Upper
43 100
58 168.1 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 43.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

Tgt Ion: 95 Resp: 48921
Ion Ratio Lower Upper
95 100
174 94.9 0.0 191.4
176 91.6 0.0 183.6

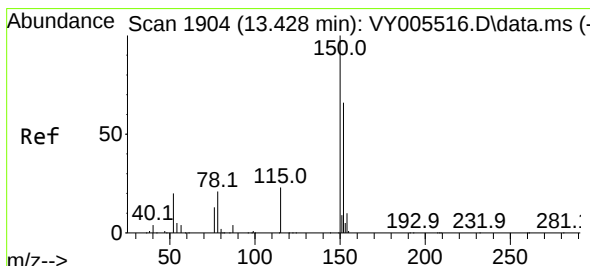
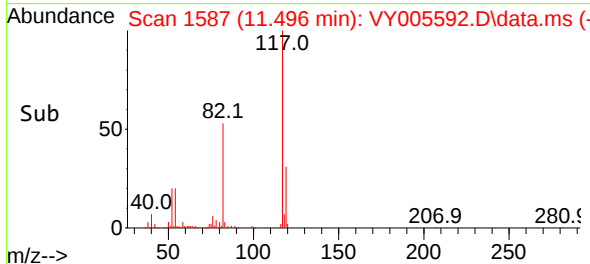
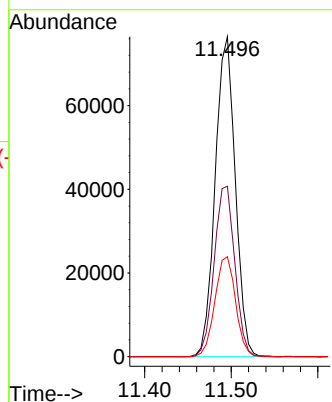
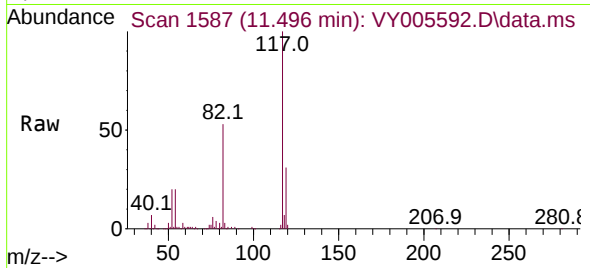




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

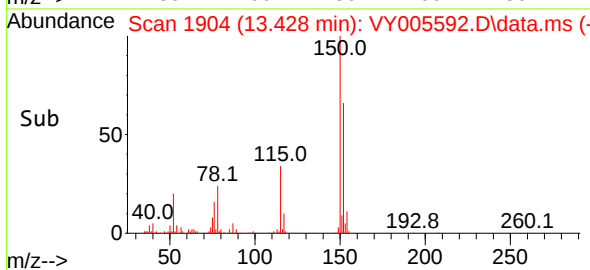
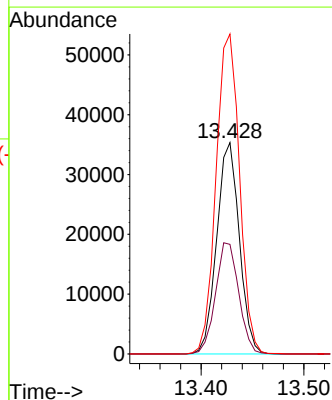
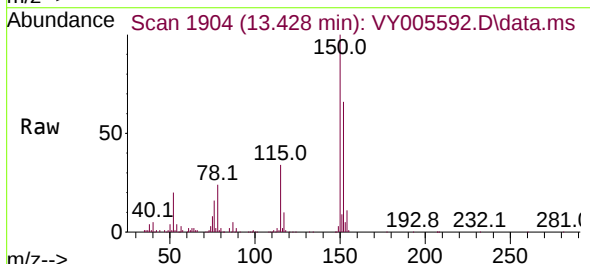
Instrument :
MSVOA_Y
ClientSampleId :

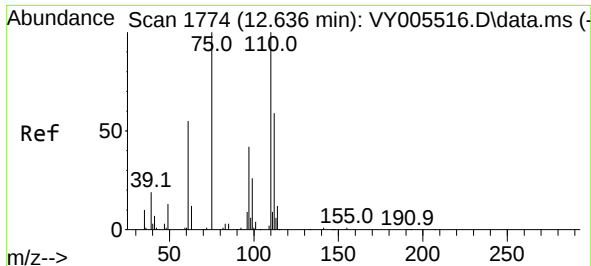
Tgt Ion:	117	Resp:	123135
Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.5	65.3
119	31.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

Tgt Ion:	152	Resp:	53975
Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.3	81.9
150	156.9	0.0	350.2

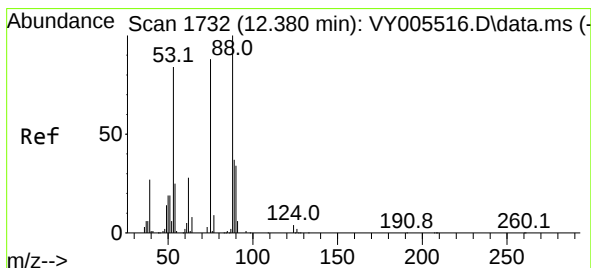
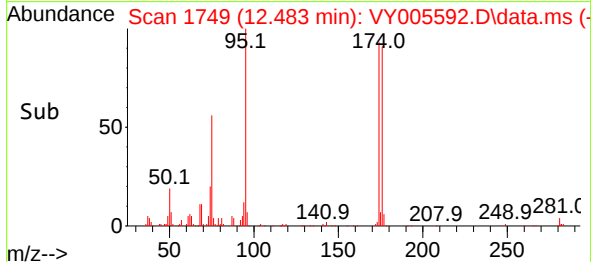
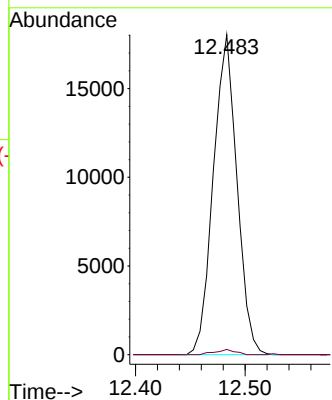
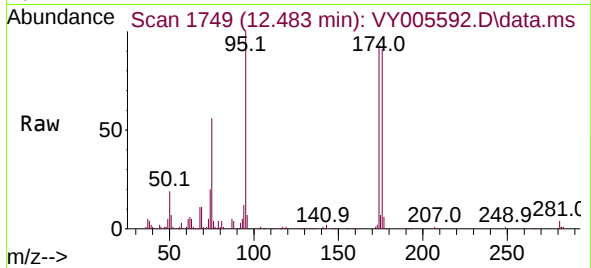




#76
1,2,3-Trichloropropane
Concen: 48.29 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 27008
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005592.D
Acq: 10 Aug 2021 13:53

Tgt Ion: 75 Resp: 27008
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

